

Attorney Docket No.: 01CON270P

In the Claims:

Claim 1 (currently amended): A structure comprising:

a laminate substrate having a top surface for receiving a semiconductor die;
an antenna element situated on said top surface of said laminate substrate, said antenna element coupled to a laminate substrate bond pad, said antenna element being coupled to said laminate substrate by a trace on said top surface of said laminate substrate;

a bonding wire providing an electrical connection between said laminate substrate bond pad and a semiconductor die bond pad;

wherein a bottom surface of said laminate substrate is suitable for being electrically connected to a printed circuit board.

Claim 2 (canceled).

Claim 3 (original): The structure of claim 1 wherein an input impedance of said antenna element matches an output impedance at said semiconductor die bond pad.

Claim 4 (original): The structure of claim 1 wherein said antenna element comprises copper.

Attorney Docket No.: 01CON270P

Claim 5 (withdrawn): The structure of claim 1 wherein said antenna element comprises a square metal pad.

Claim 6 (withdrawn): The structure of claim 1 wherein said antenna element is selected from the group consisting of a slot line pattern, a meander line pattern, and a patch pattern.

Claim 7 (withdrawn): The structure of claim 1 wherein said laminate substrate comprises an organic laminate material.

Claim 8 (withdrawn): The structure of claim 1 wherein said laminate substrate comprises a ceramic laminate material.

Claim 9 (withdrawn): The structure of claim 1 further comprising a capacitor, said capacitor coupled to said antenna element.

Claim 10 (withdrawn): The structure of claim 9 wherein said capacitor is an embedded capacitor.

Claim 11 (currently amended): A structure comprising:
a laminate substrate having a top surface;

Attorney Docket No.: 01CON270P

a first semiconductor die and a second semiconductor die attached to said top surface of said laminate substrate;

a first antenna element situated on said top surface of said laminate substrate, said first antenna element coupled to a first laminate substrate bond pad;

a second antenna element situated on said top surface of said laminate substrate, said second antenna element coupled to a second laminate substrate bond pad;

a first bonding wire providing an electrical connection between said first laminate substrate bond pad and a semiconductor die bond pad on said first semiconductor die;

a second bonding wire providing an electrical connection between said second laminate substrate bond pad and a semiconductor die bond pad on said second semiconductor die;

wherein a bottom surface of said laminate substrate is suitable for being electrically connected to a printed circuit board.

Claim 12 (original): The structure of claim 11 wherein said first antenna element is coupled to said first laminate substrate bond pad by a trace on said top surface of said laminate substrate.

Claim 13 (original): The structure of claim 11 wherein an input impedance of said first antenna element matches an output impedance at said semiconductor die bond pad on said first semiconductor die.

Attorney Docket No.: 01CON270P

Claim 14 (original): The structure of claim 11 wherein said second antenna element is coupled to said second laminate substrate bond pad by a trace on said top surface of said laminate substrate.

Claim 15 (original): The structure of claim 11 wherein an input impedance of said second antenna element matches an output impedance at said semiconductor die bond pad on said second semiconductor die.

Claim 16 (original): The structure of claim 11 wherein said first antenna element comprises copper.

Claim 17 (withdrawn): The structure of claim 11 wherein said first antenna element is selected from the group consisting of a slot line pattern, a meander line pattern, and a patch pattern.

Claim 18 (withdrawn): The structure of claim 11 wherein said second antenna element is selected from the group consisting of a slot line pattern, a meander line pattern, and a patch pattern.

Attorney Docket No.: 01CON270P

Claim 19 (withdrawn): The structure of claim 11 wherein said laminate substrate comprises an organic laminate material.

Claim 20 (withdrawn): The structure of claim 11 further comprising a capacitor, said capacitor coupled to said first antenna element.